FIG. 1

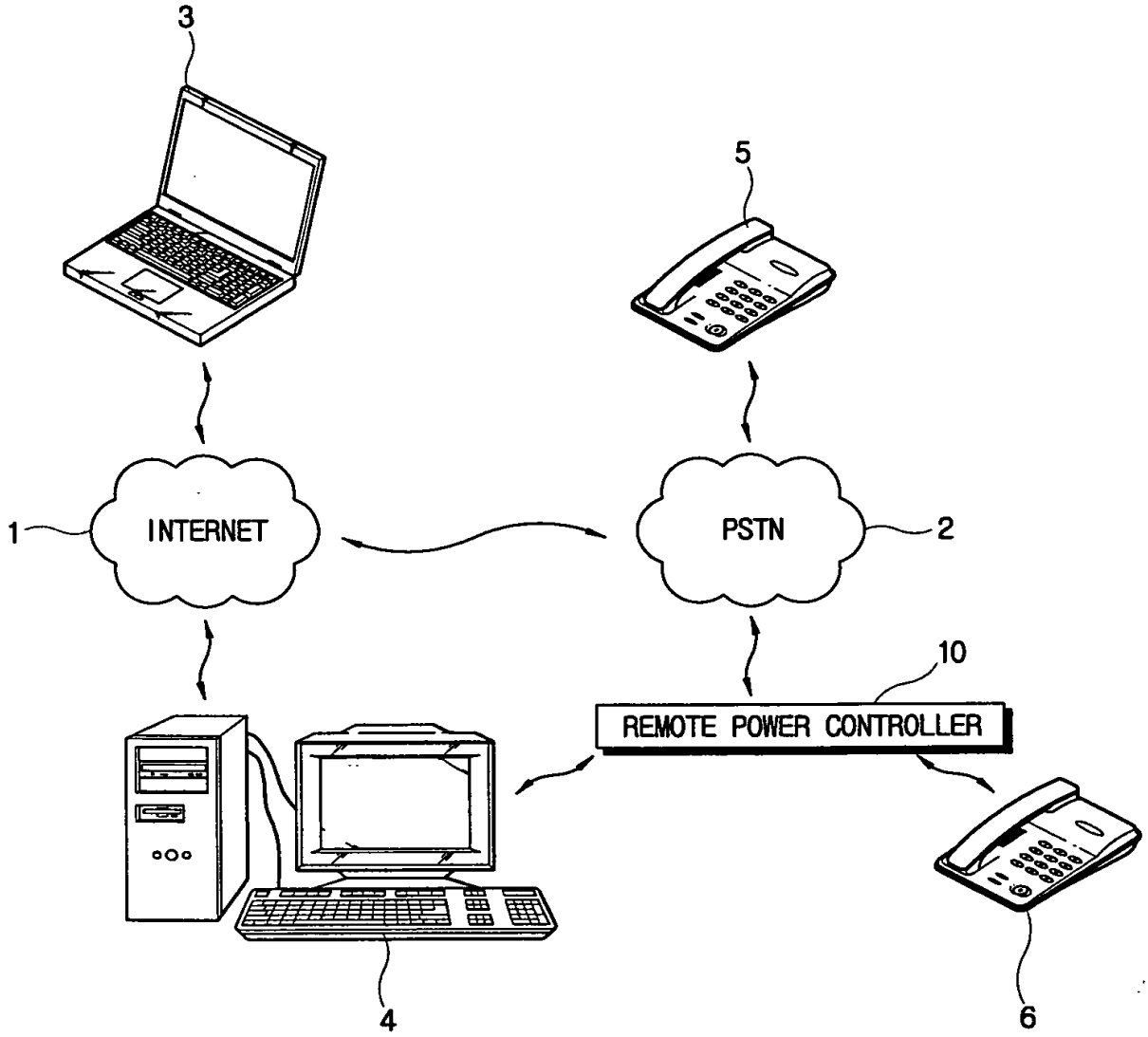


FIG. 2

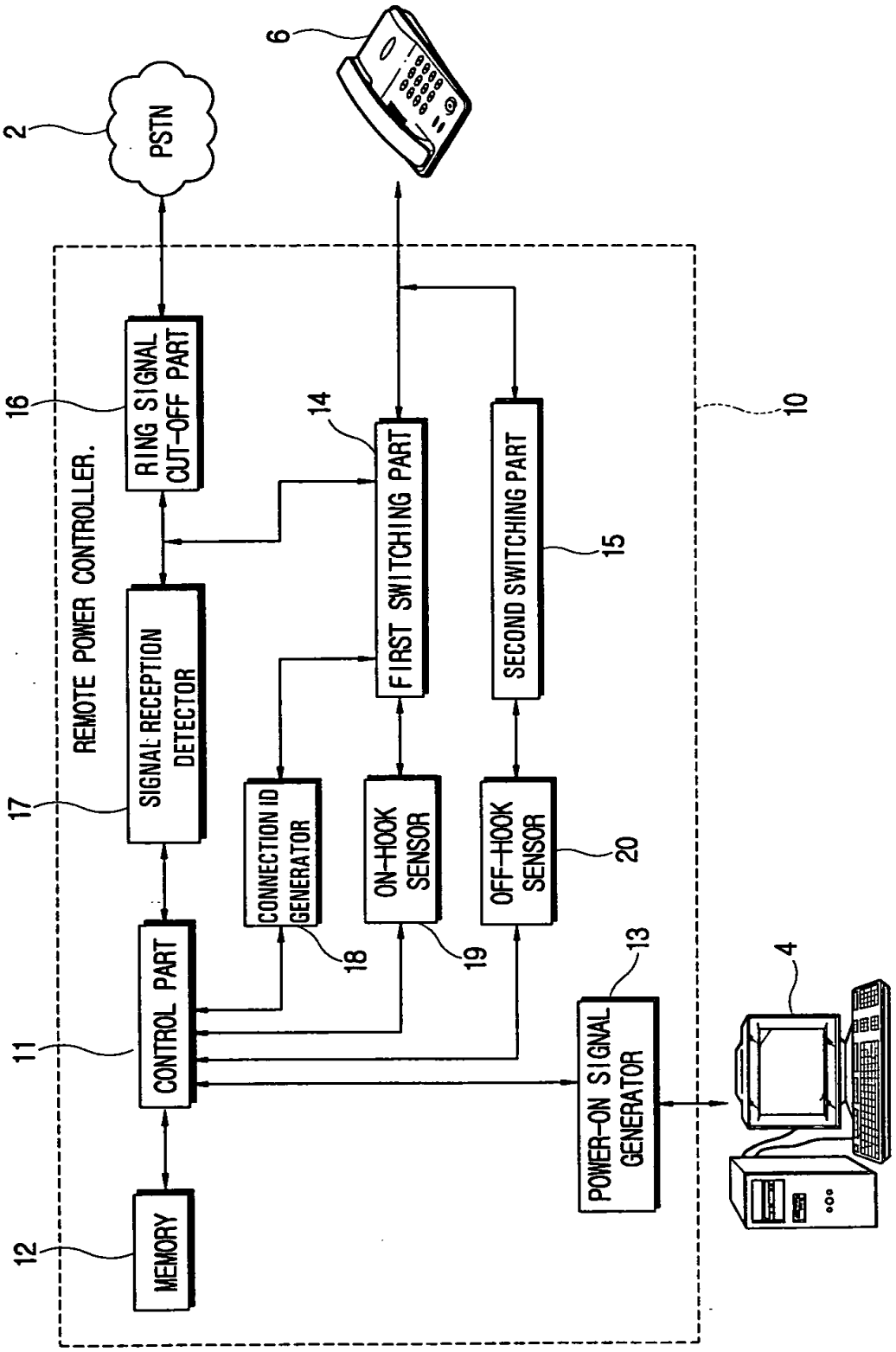

PSTN
2
6
REMOTE POWER CONTROLLER.
10
RING SIGNAL CUT-OFF PART
16
SIGNAL RECEPTION DETECTOR
17
FIRST SWITCHING PART
14
SECOND SWITCHING PART
15
CONNECTION ID GENERATOR
18
ON-HOOK SENSOR
19
OFF-HOOK SENSOR
20
CONTROL PART
11
MEMORY
12
POWER-ON SIGNAL GENERATOR
13
4

FIG. 3

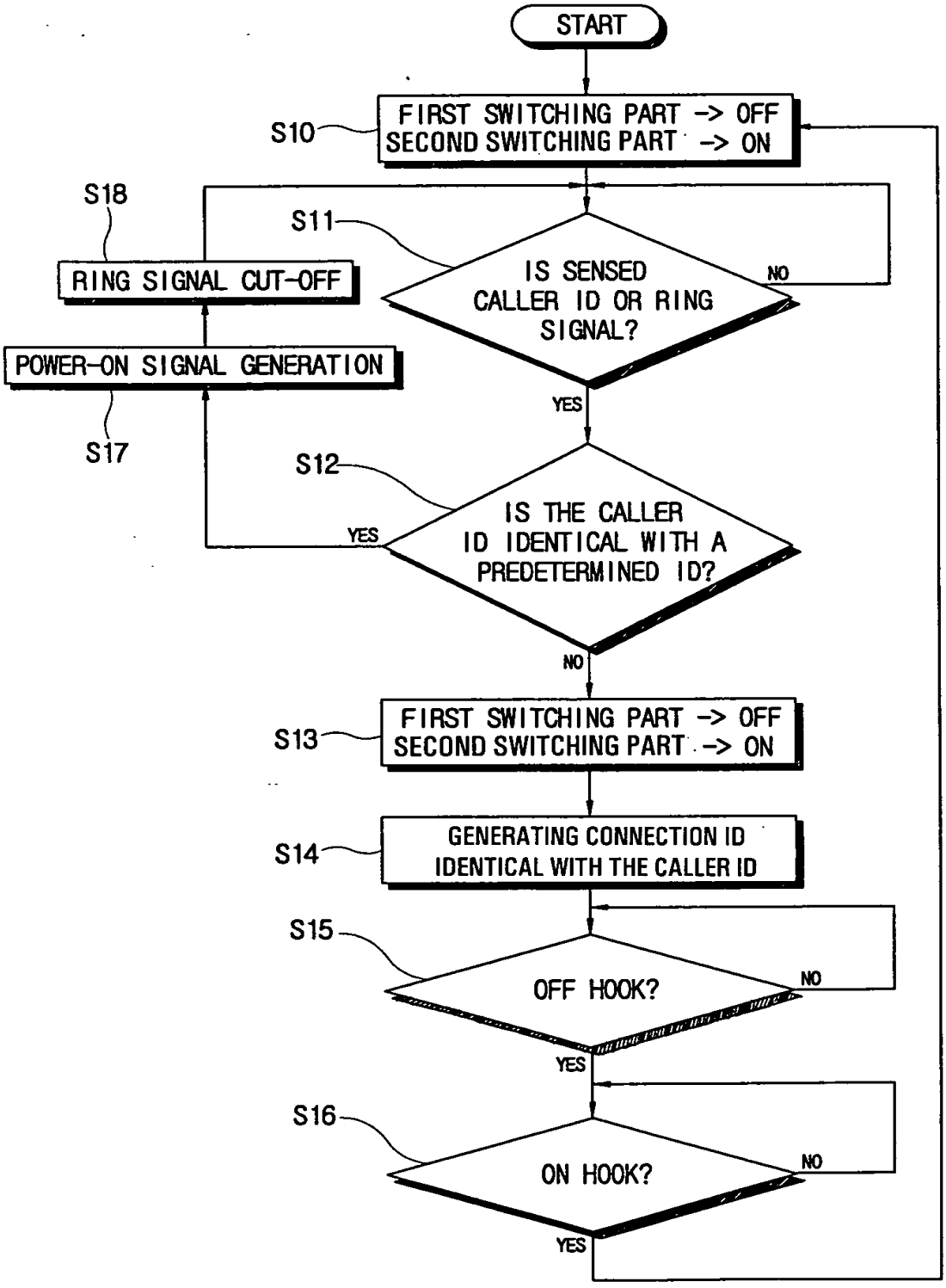
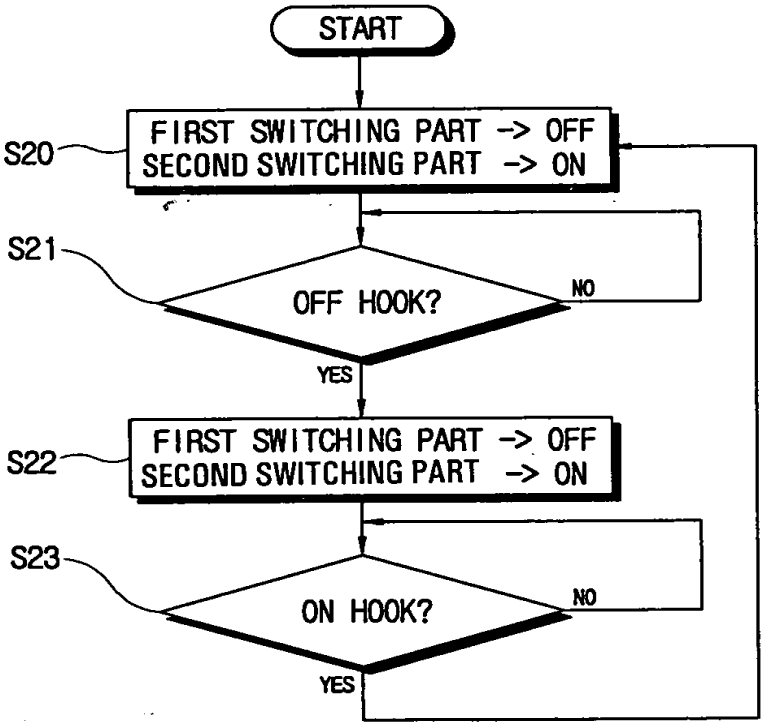

START
S10
FIRST SWITCHING PART -> OFF
SECOND SWITCHING PART -> ON
S11
IS SENSED CALLER ID OR RING SIGNAL?
NO
YES
S12
IS THE CALLER ID IDENTICAL WITH A PREDETERMINED ID?
YES
NO
S13
FIRST SWITCHING PART -> OFF
SECOND SWITCHING PART -> ON
S14
GENERATING CONNECTION ID IDENTICAL WITH THE CALLER ID
S15
OFF HOOK?
NO
YES
S16
ON HOOK?
NO
YES
S17
POWER-ON SIGNAL GENERATION
S18
RING SIGNAL CUT-OFF

FIG. 4


START
S20
FIRST SWITCHING PART -> OFF
SECOND SWITCHING PART -> ON
S21
OFF HOOK?
NO
YES
S22
FIRST SWITCHING PART -> OFF
SECOND SWITCHING PART -> ON
S23
ON HOOK?
NO
YES